

SPRING LOADED MUD FLAP BRACKETS: WHY MOUNTING STYLE MATTERS

The spring in these flap brackets allows the bracket to flex when impacted and return to a normal position. However, not all spring loaded brackets are made equal!

BENEFITS OF TRAMEC SLOAN'S SPRING LOADED FLAP BRACKETS:

- ✔ **Eliminates Hang-Ups:** Patented self-centering frame seats allow the bracket to pivot 180° and spring back to the correct position every time.
- ✔ **Protects the Truck Frame:** Frame seats prevent any contact from the tube of the mud flap bracket.
- ✔ **Easy & Safe to Install:** No need for a keeper plate and the risk of injury that goes with it.
- ✔ **Designed and Manufactured in the USA**

SPRING LOADED FLAP BRACKETS & MOUNT TYPES

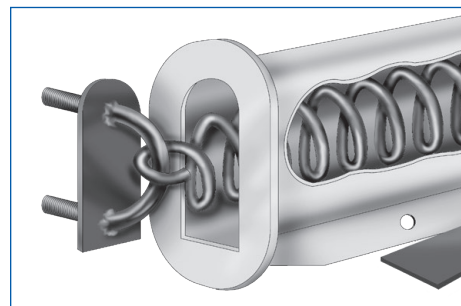
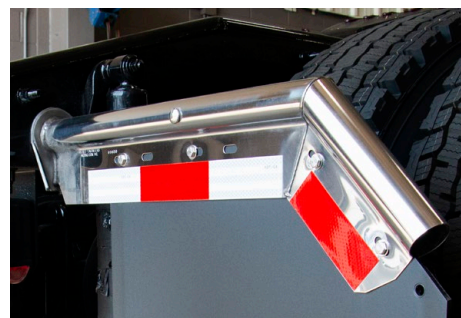
Proper positioning of your mud flap brackets is key to performing properly and avoiding broken or damaged mud flaps. It's common for road vibration, debris, and accidental impacts to result in mud flap brackets bending and twisting out of normal alignment. Spring Loaded Mud flap Brackets are **designed to resist damage** and allow the bracket to flex when impacted and return to a normal position. However, not all spring loaded mud flap brackets are the same and frame mounting designs make all the difference.

There are three common mounting designs to consider when selecting spring loaded brackets. **Let's compare:**

INTERNAL FRAME MOUNT

Flap brackets with this mounting style have an end plate recessed into the bracket tube, which means this style does not have a true frame seat to protect the truck frame and keep the flap bracket hanging properly at all times.

The design of this bracket **provides only minimal flexibility** and direct tube contact **causes increased wear** on the truck frame. There is a **potential for serious injury** with this design because a keeper plate is required for proper installation and removal. The installer must reach his hand between the bracket and the truck frame, which is a potential pinch point. Also, If the keeper plate is NOT used when removing the bracket, the spring will suddenly release.



Internal frame mounted flap brackets mount directly to the truck frame. Their design does not allow for much flexibility.



Minimal Flexibility



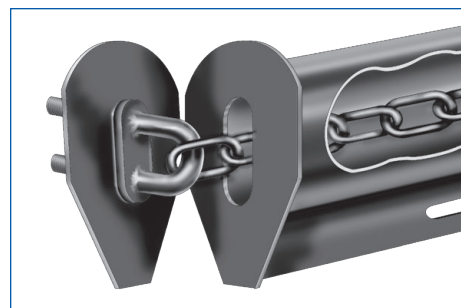
Damages Truck Frame



Install Requires Caution

INTERNAL LOCATOR FRAME SEAT

The frame seats on these brackets attach to the truck frame and have an internal locator system that requires a close fit to reposition the bracket properly during any flexing event. The frame seat **protects the truck frame** from damage and wear, however, **the bracket tube can hang-up** out of position without an exact fit. This style does not require a keeper plate which makes **mounting and removal easy and safe**.



An internal locator frame seat protects the truck frame but has the potential for hang-ups.



Reduces Hang-Ups



Protects Truck Frame



Easy & Safe to Install

SELF-CENTERING FRAME SEAT

Brackets with self-centering frame seats are designed to **always snap back to the correct position**. They feature internal or external mechanisms to act as a guide to return the bracket tube to proper alignment **100%** of the time. **Your truck frame is protected** with no contact from the tube of the mud flap bracket. **Installation and removal are easier and safer** with no need for a keeper bar.

Tramec Sloan's entire line of Spring Loaded Mud Flap Brackets have **patented Self-Centering Frame Seats**. Quite often, manufacturers of the other two frame seat designs consider theirs to be self-centering but they do not perform correctly 100% of the time like our self-centering brackets. When considering what Spring Loaded Spring Loaded Mud Flap Brackets, look for the self-centering frame seats with our patented designs.



The internal self-centering mechanism of our Hellcat® flap bracket can be seen here as the bracket flexes.



Eliminates Hang-Ups



Protects Truck Frame



Easy & Safe to Install



The external self-centering mechanism of our FB-27 flap bracket guides the bracket back into alignment after flexing.